

INFILTARTION BASIN SECTIONS

PAYEMENT

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OVERLAND

MOUND LOAM 6"

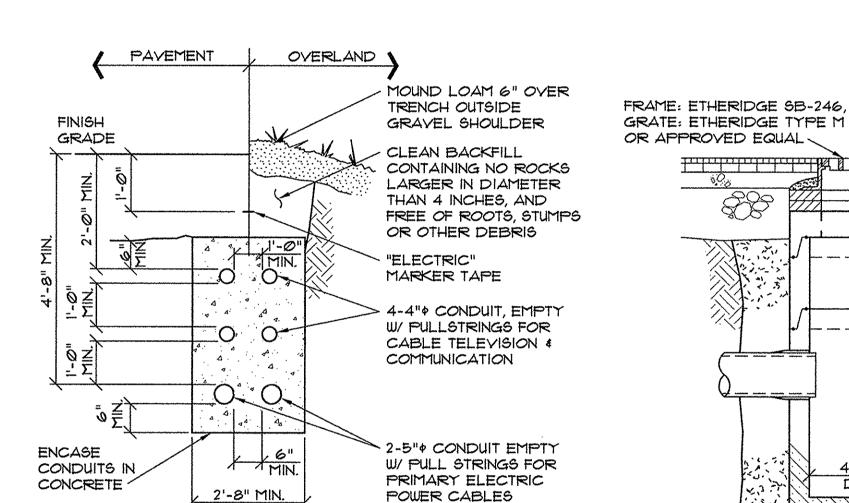
OVER TRENCH

- WARNING TAPE

GAS PIPELINE

TRACER WIRE

SUBBASE



NOTES:

1. INSTALLATION SHALL NOT ALLOW INTER-TWINING OF CABLES.

2. PROVIDE SCH. 40 PVC CONDUIT FULL LENGTH OF INSTALLATION.

NOT TO SCALE

7 CABLE TRENCH SECTION

OR BRICK, 12" MAXIMUM HEIGHT PRECAST CONCRETE COVER (H-20 LOAD) SHIPLAP JOINTS W/ 2 - 1" BUTYL ROPES COMPACTED GRAVEL 12" MIN. DRAIN PIPE WATERTIGHT FLEXIBLE BOOT DIA. CASCO TRAP PRECAST REINFORCED CONCRETE SECTION, TYP. 3/4" CRUSHED STONE, 12" DEEP MIN. 6 TYPICAL CATCH BASIN SECTION

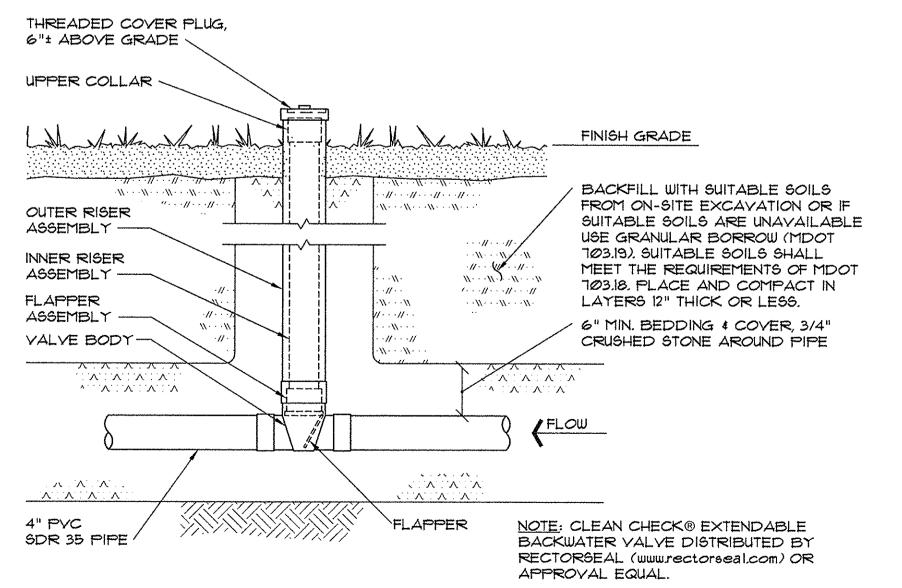
MORTAR

ADJUST TO GRADE WITH

CONCRETE MANHOLE DONUTS

GAS PIPING TRENCH SECTION

NOT TO SCALE



8 TYPICAL BACKFLOW PREVENTOR DETAIL

NOT TO SCALE

UNDERGROUND UTILITIES WARNING TAPE

IDENTIFICATION TAPE TO BE INSTALLED ABOVE ALL NEW UNDERGROUND UTILITIES AND ABOVE ANY EXISTING UTILITIES THAT MAY BE EXPOSED BY THIS CONSTRUCTION.

DETECTABLE UNDERGROUND MARKING TAPE TO BE PERMANENT, BRIGHT-COLORED, CONTINUOUS-PRINTED PLASTICIZED ALUMINUM TAPE, INTENDED FOR DIRECT-BURIAL SERVICE NOT LESS THAN 3" WIDE x 5 MILS THICK. PROVIDE TAPE WITH BLACK PRINTING IDENTIFYING THE UTILITY. DETECTABLE WARNING TAPE REQUIRED OVER ALL WATER, SEWER, DRAINAGE, OR GAS UTILITIES. TAPE TO BE TERRA TAPE BY REEF INDUSTRIES, INC., www.reefindustries.com, OR EQUAL.

APWA UNIFORM COLOR CODE:

WHITE PROPOSED EXCAVATION

PINK TEMPORARY SURVEY MARKINGS

RED ELECTRIC POWER LINES, CABLES, CONDUIT AND LIGHTING CABLES YELLOW GAS, OIL, STEAM, PETROLEUM OR GASEOUS MATERIALS

ORANGE COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT BLUE POTABLE WATER

PURPLE RECLAIMED WATER, IRRIGATION AND SLURRY LINES

GREEN SEWERS AND DRAIN LINES

UNDERGROUND UTILITIES WARNING TAPE

GENERAL NOTES FOR MANHOLES AND CATCH BASINS

8. ALL SANITARY MANHOLES SHALL HAVE A WATERPROOFING COATING APPLIED TO THE EXTERIOR SURFACE.

 CATCH BASIN FRAMES FOR TYPE A4 CATCH BASIN CURB INLETS SHALL BE ETHERIDGE DR5A OR APPROVED EQUAL.

11. EXISTING MANHOLES, CATCH BASINS, FRAMES, AND COVERS SHALL BE SALVAGED BY THE CONTRACTOR, AND SHALL REMAIN THE PROPERTY OF THE CITY OF PORTLAND.

12. ALL CATCH BASIN OUTLETS SHALL BE INSTALLED WITH A CASCO TRAP. SEE FIGURE II-09.

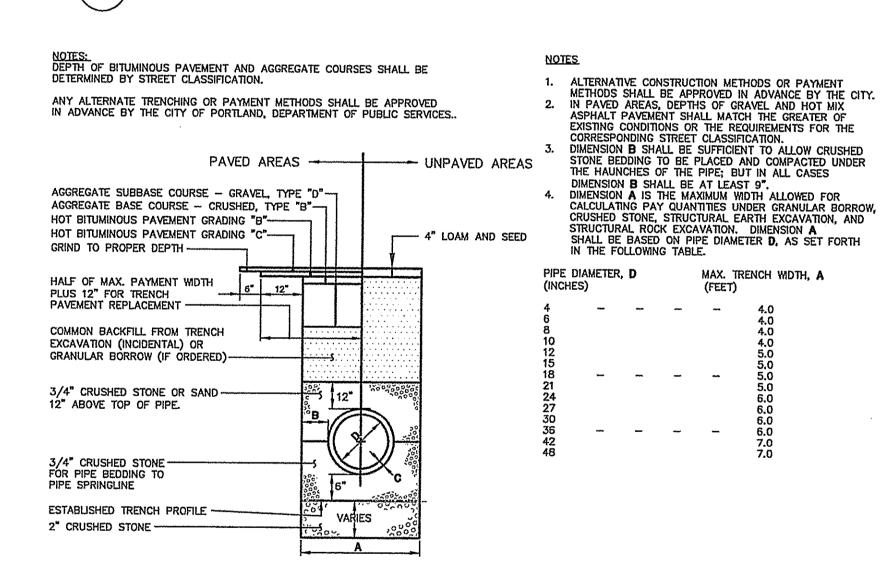
 CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48—CLASS 35.

- ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 lbs. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.
- 2. MANHOLES MAY BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE, OR CAST IN PLACE.
- REINFORGED CONCRETE, OR CAST IN PLACE.

NOT TO SCALE

- 3. PRECAST REINFORCED CONE BARREL MANUFACTURED PER ASTM SPEC. C-478.
- 4. ALL STORM AND SEWER MANHOLE COVERS SHALL BE SOLID AND SHALL HAVE ONE 7/8" DIAMETER DRILLED PICK HOLE LOCATED 8" FROM THE CENTER OF THE COVER.
- 5. ALL SANITARY MANHOLE COVERS SHALL HAVE "SEWER" CAST INTO THE COVER. ALL STORMWATER/DRAIN MANHOLE COVERS SHALL HAVE "DRAIN" CAST INTO THE
- 6. ALL MANHOLE RISERS SHALL BE ETHERIDGE 24" OR APPROVED EQUAL.
- 7. SEWER BRICK SHALL CONFORM TO ASTM SPEC. DESIGNATE ON C-32-63, GRADE MA AND SA.

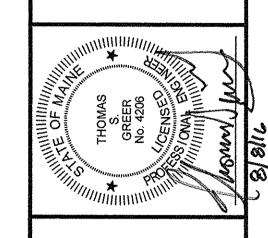
GENERAL NOTES FOR MANHOLES AND CATCH BASINS (II-4)



TYPICAL PIPE TRENCH INSTALLATION (11-12)

PINKHAM & GREER

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	8/8/16 ISSUED FOR BID	7/12/16 REV/D DETAIL 7, CABLE TRENCH SECTION	8/5/15 REV/D INFILTRATION BASIN	S INTER COOK NOTION CONTROL OF THE C		6/30/15 REV'D PER STAFF REVIEW AND COMMENTS	5/7/15 ISSUED FOR SUBDIVISION & SITE PLAN APPROVAL	DATE DESCRIPTION	
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AVESTA HOUSING DEVELOPMENT CORP. 307 CUMBERLAND AVENUE PORTLAND, ME. 04101						S AS SHOWN DRN BY: RJS/JDC	APRIL 23, 2015	PROJECT: 15108 CHK BY: %	
AVES 307 C POR						SCALE:	DATE:	PROJEC	
FTON STREET	STREET PORTLAND MAINE								

C2.2

DETAILS

MAP/LOT 55/A/4